The Tyranny of the Lecture





The Tyranny of the Lecture







Think of something you are really good at

How did you become good at what you wrote down?

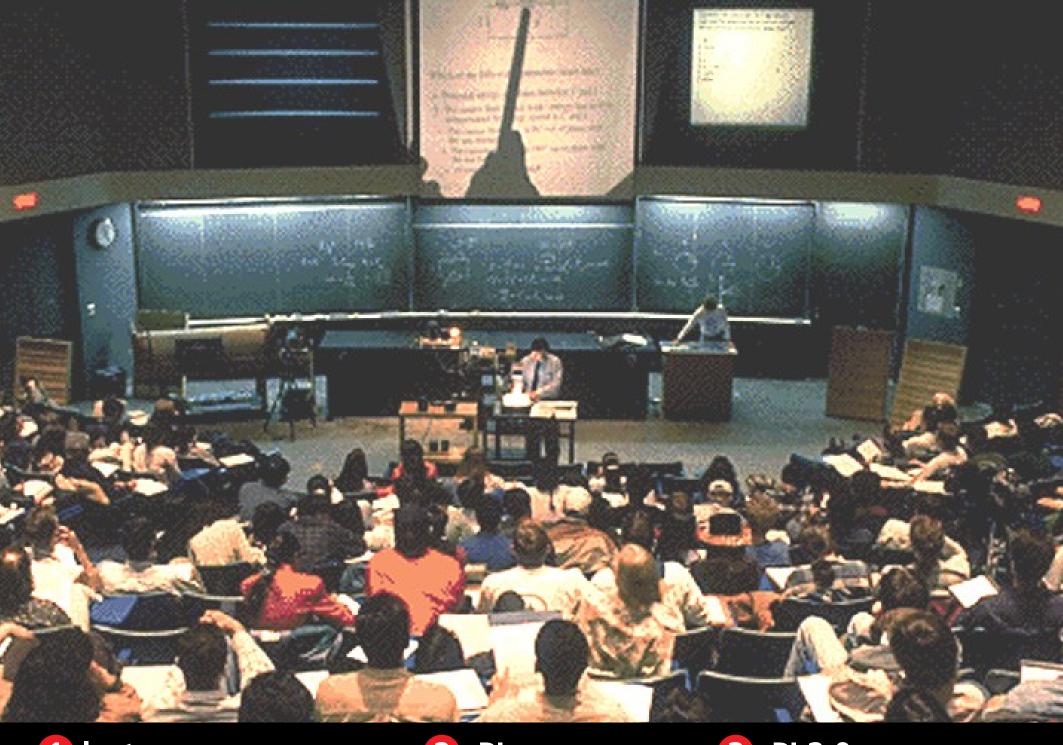


- 1. trial and error
- 2. lectures
- 3. practicing
- 4. apprenticeship
- 5. other





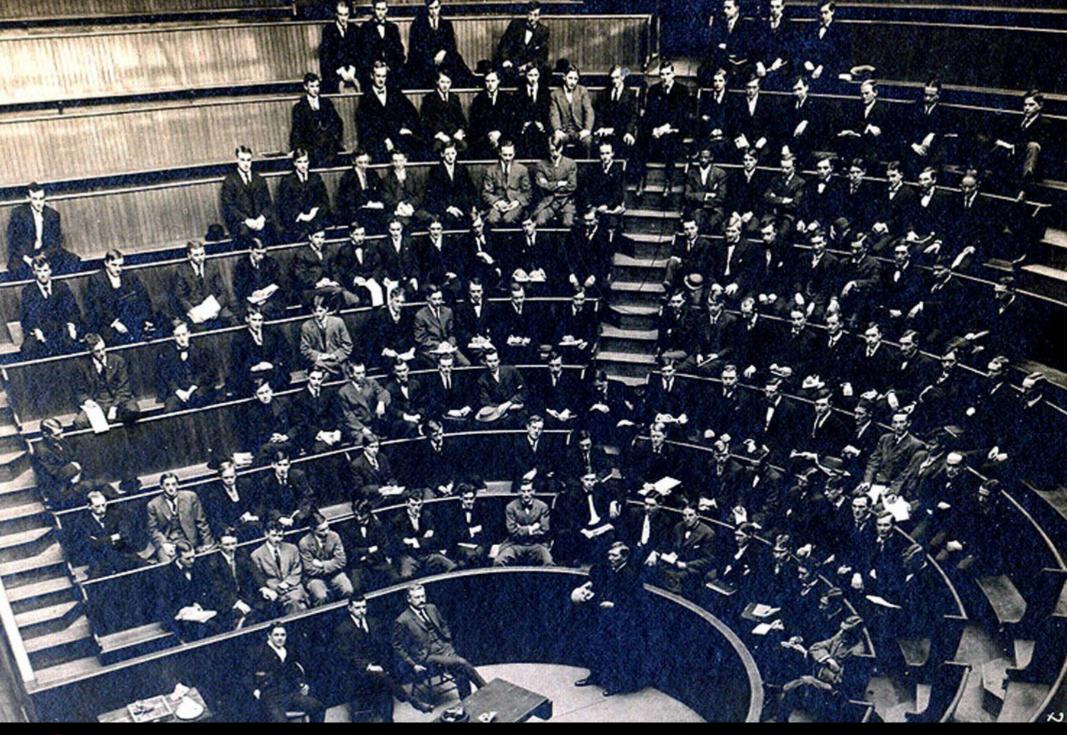




1 lecture 2 PI 3 PI 2.0



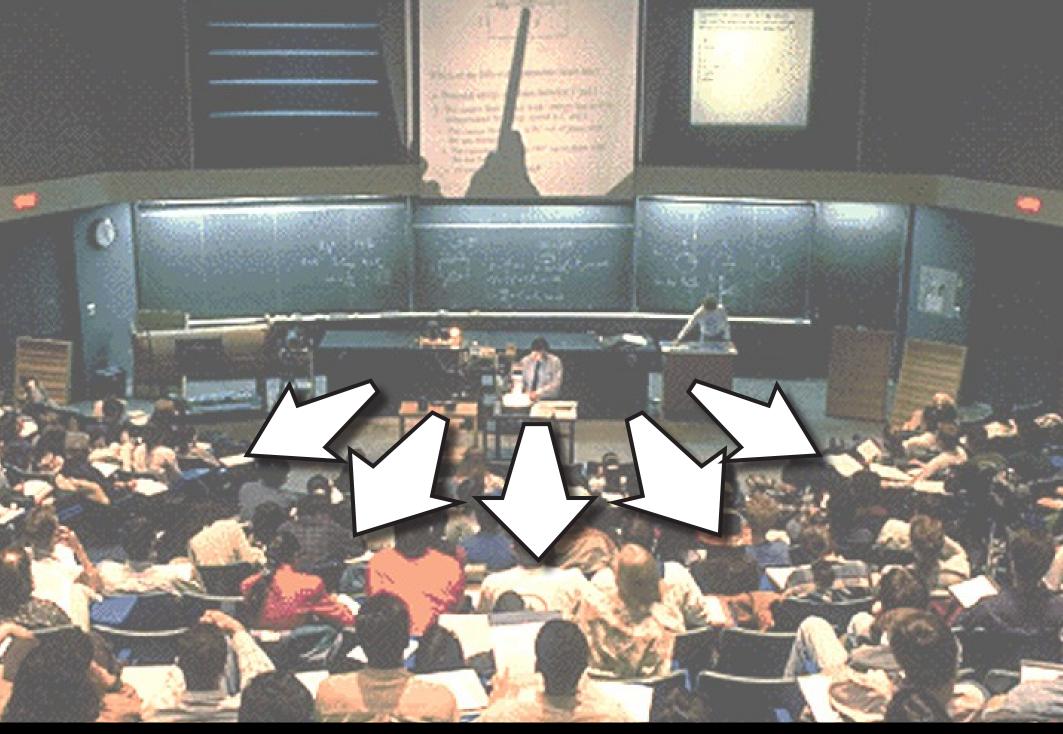


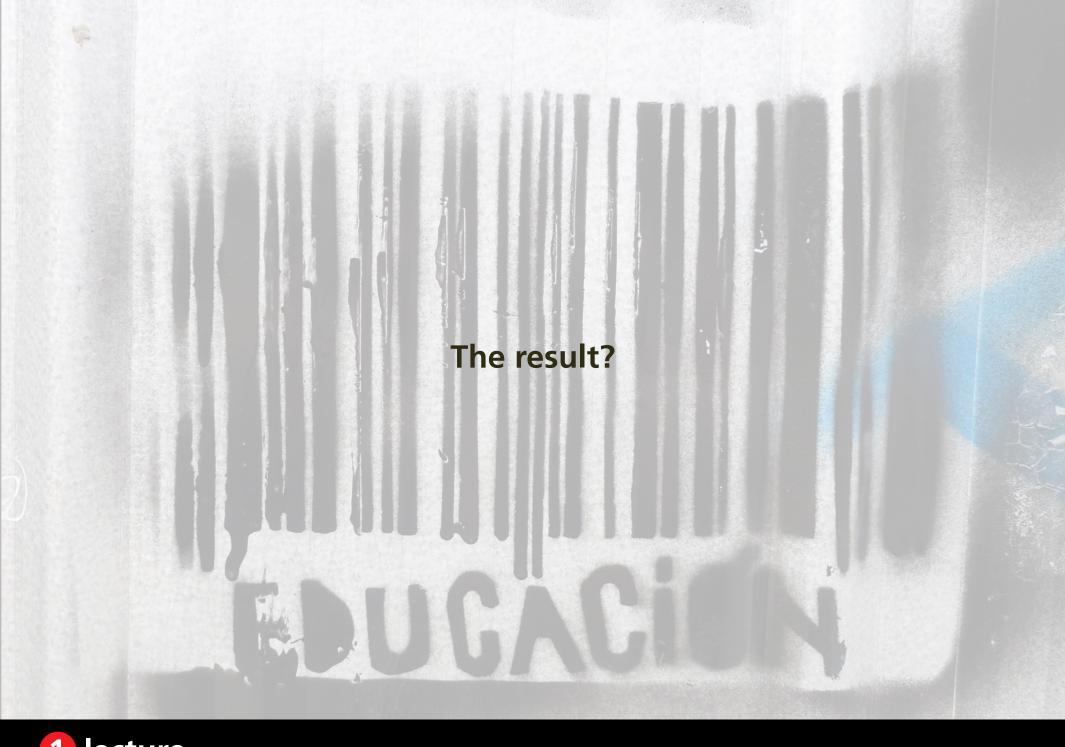


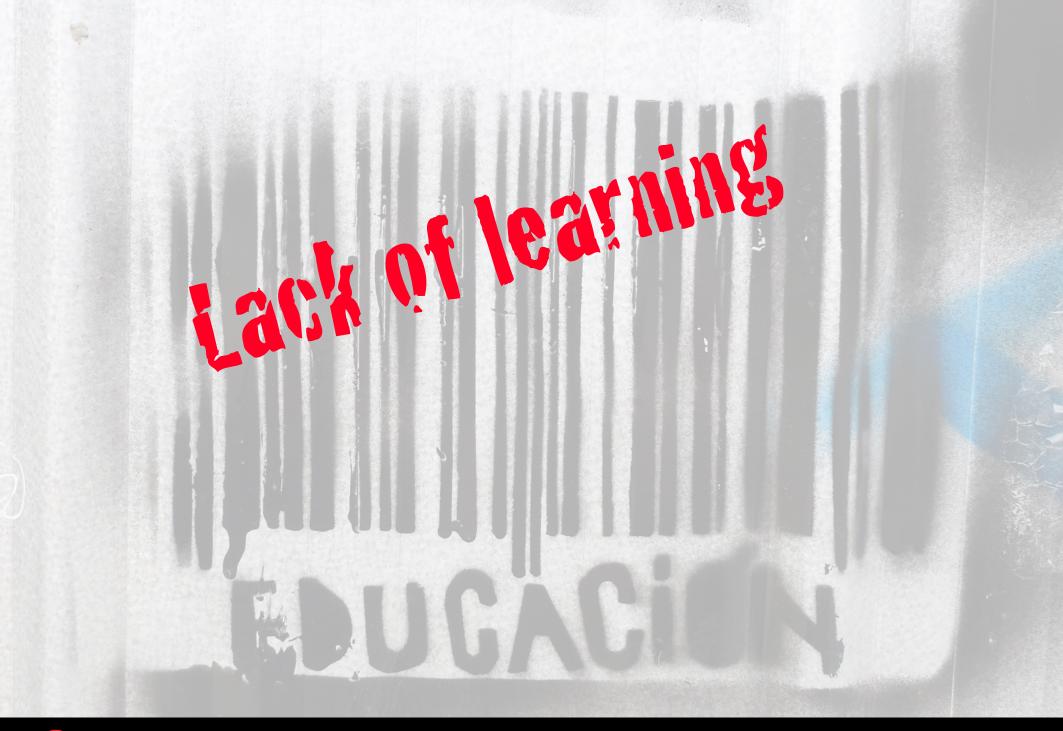


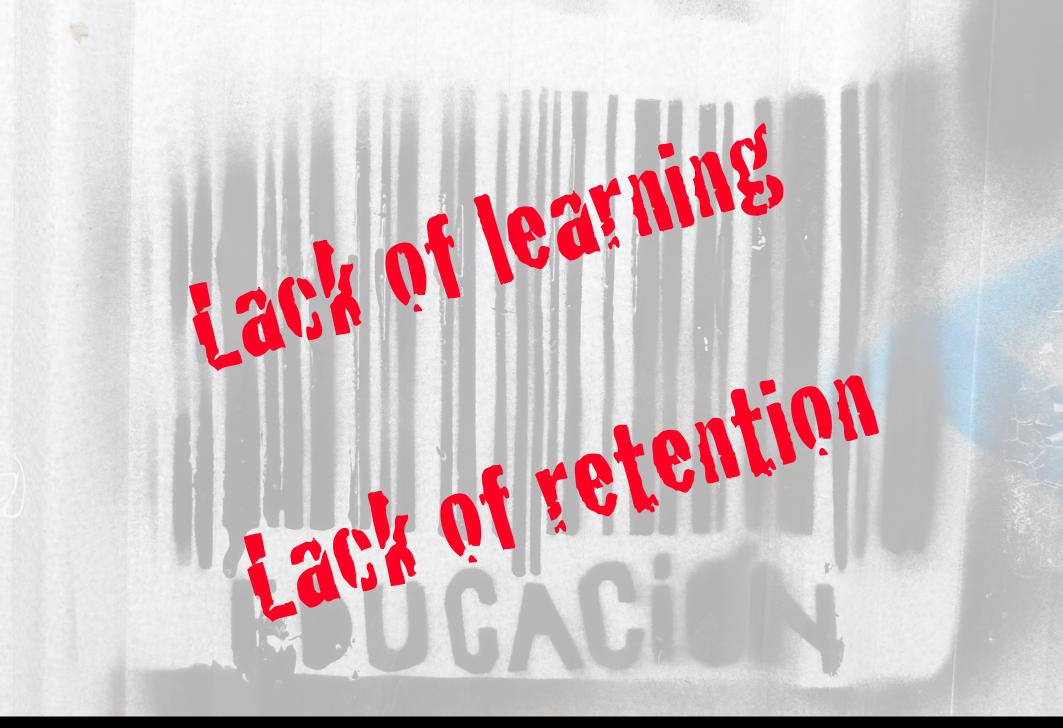




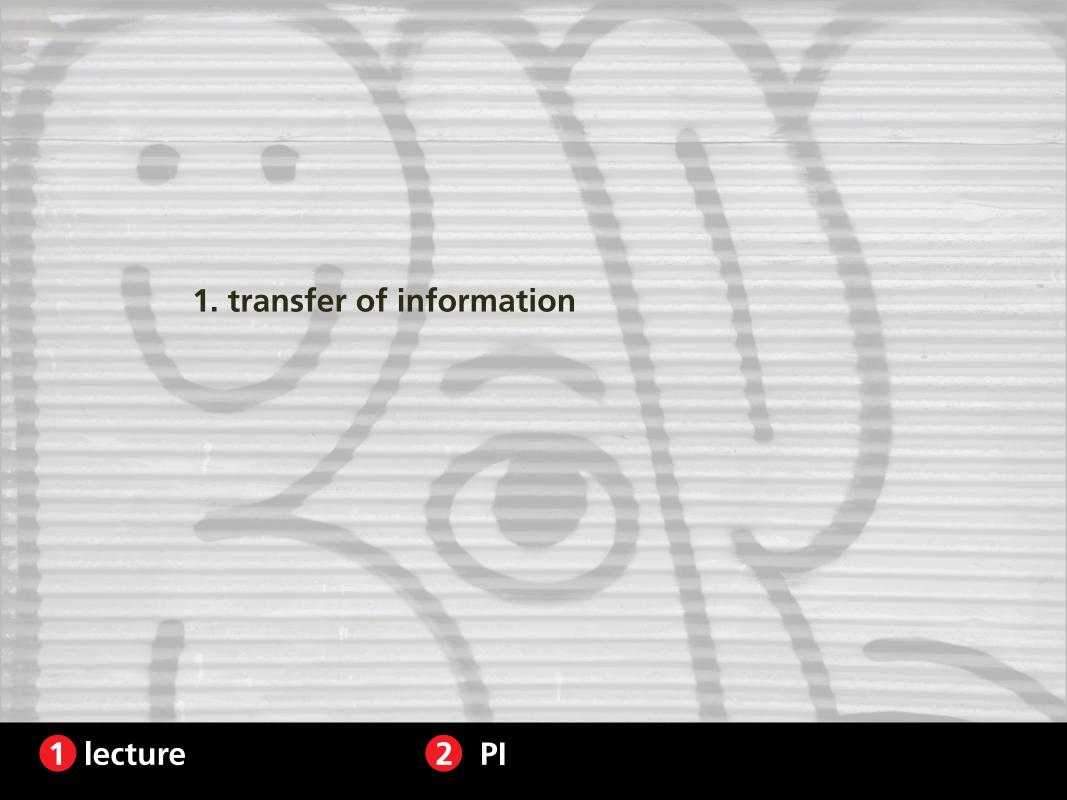












1. transfer of information

2. assimilation of that information

1. transfer of information (in class)

2. assimilation of that information

1. transfer of information (in class)

2. assimilation of that information (out of class)

Should focus on THIS!

1. transfer of information (i)

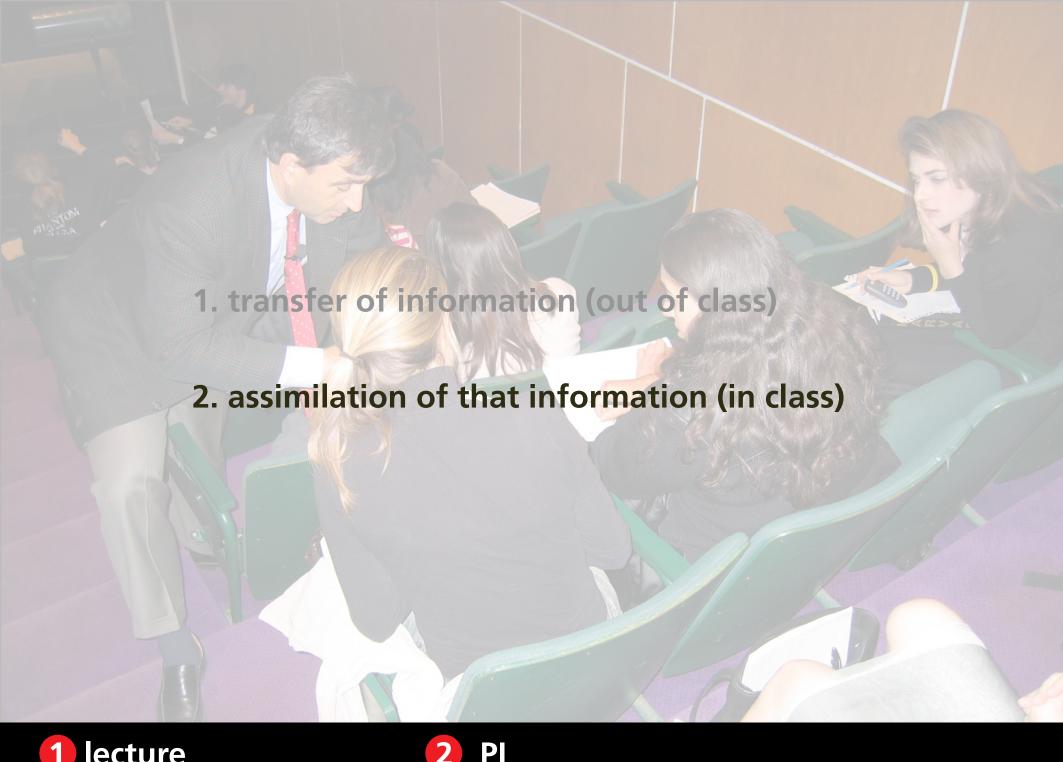
2. assimilation of that information (out of class)

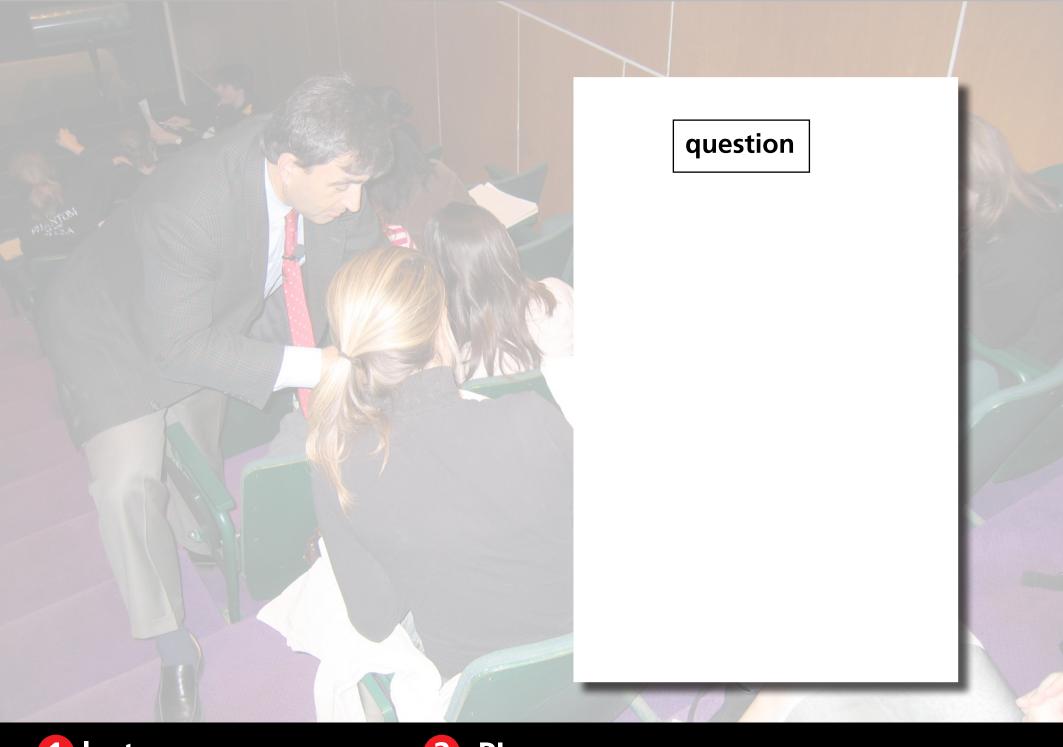
1. transfer of information (in class)

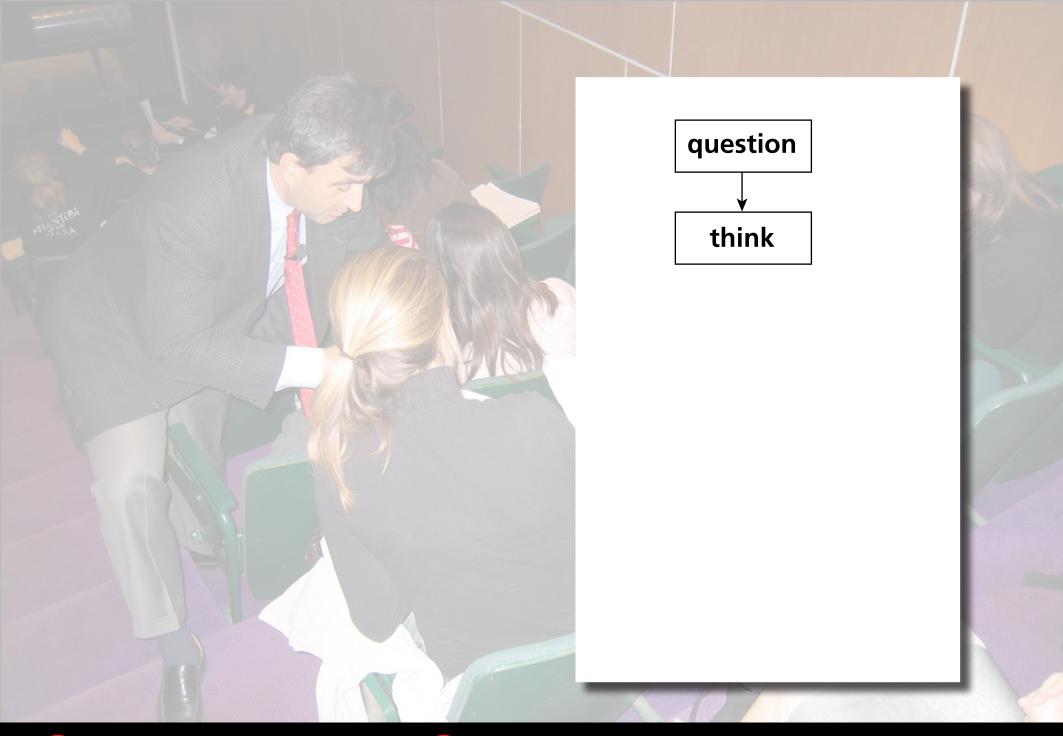
2. assimilation of that information (out of class)

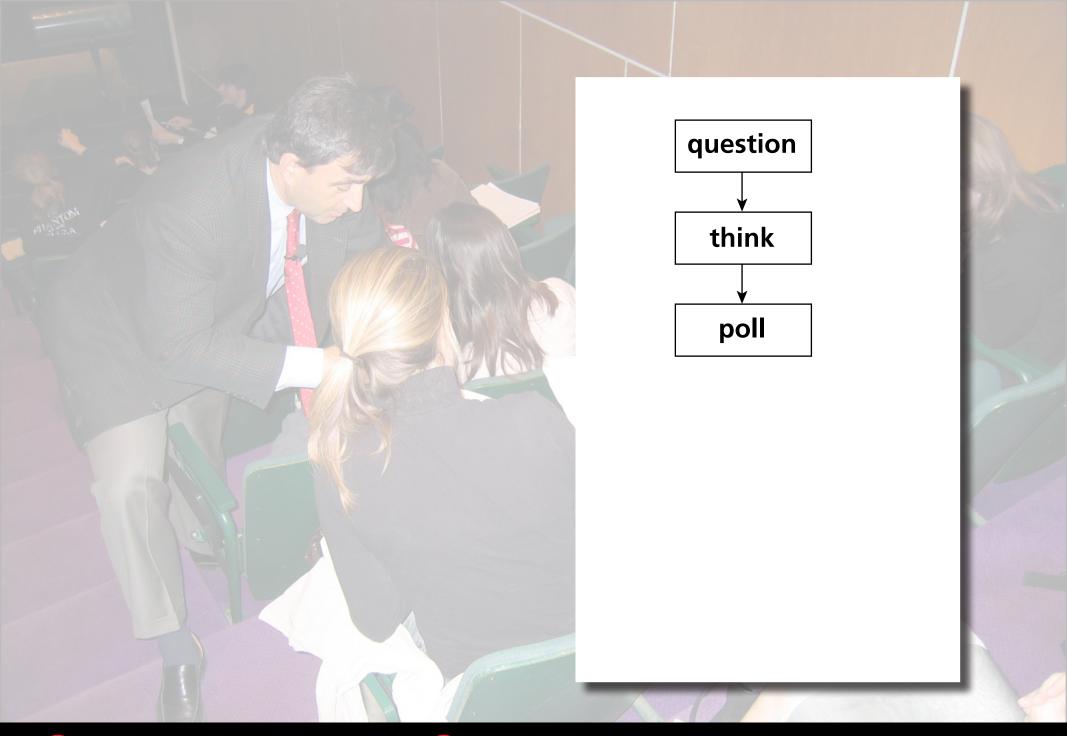
1. transfer of information (out of class)

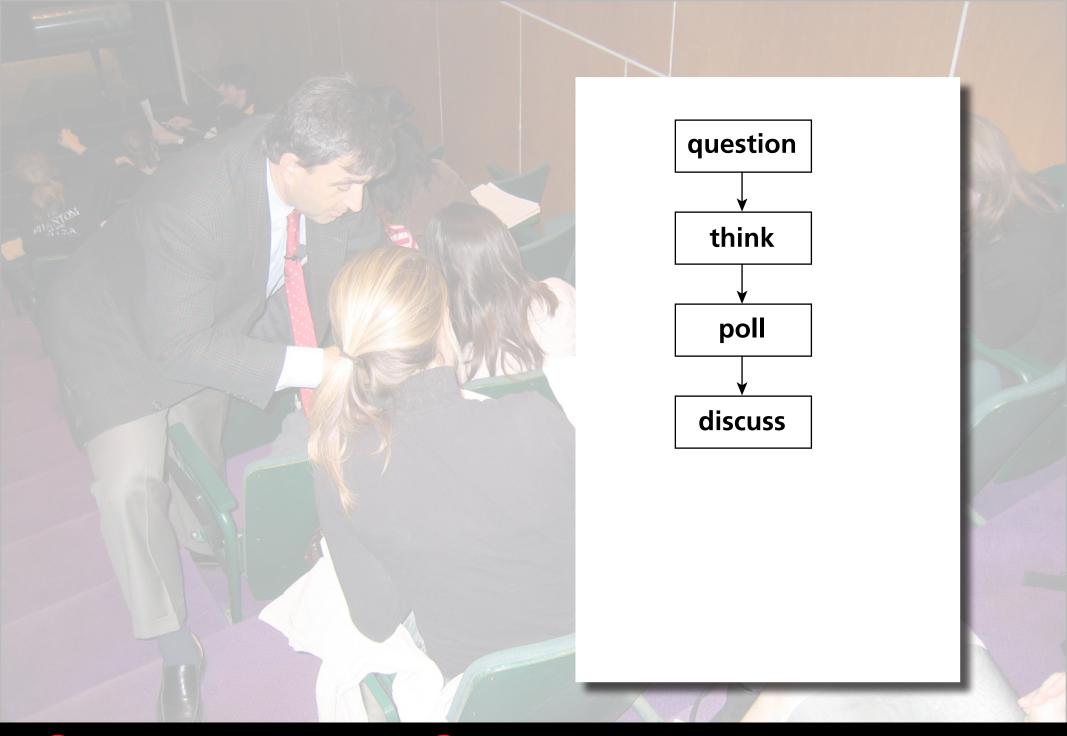
2. assimilation of that information (in class)

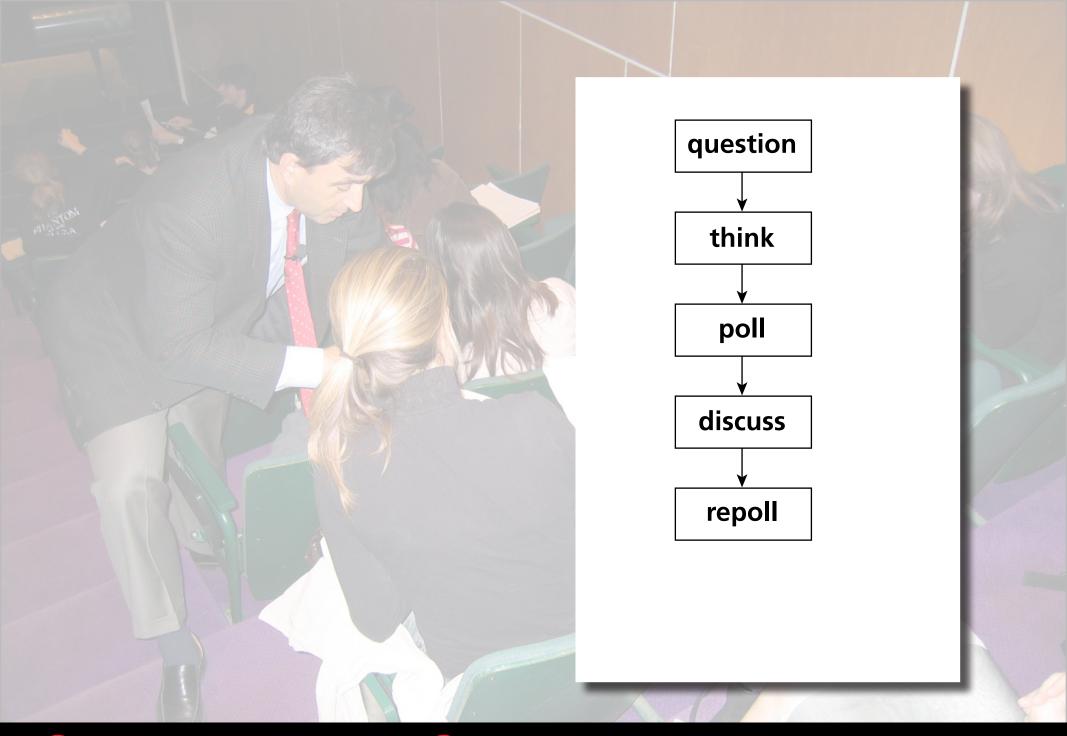


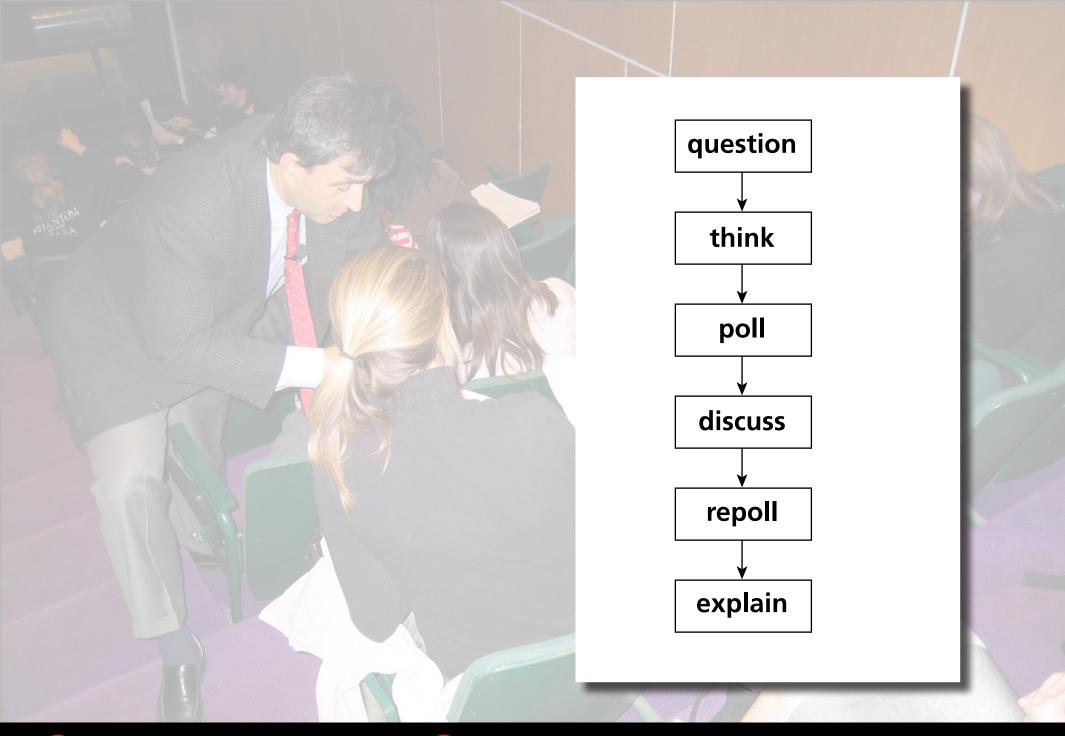


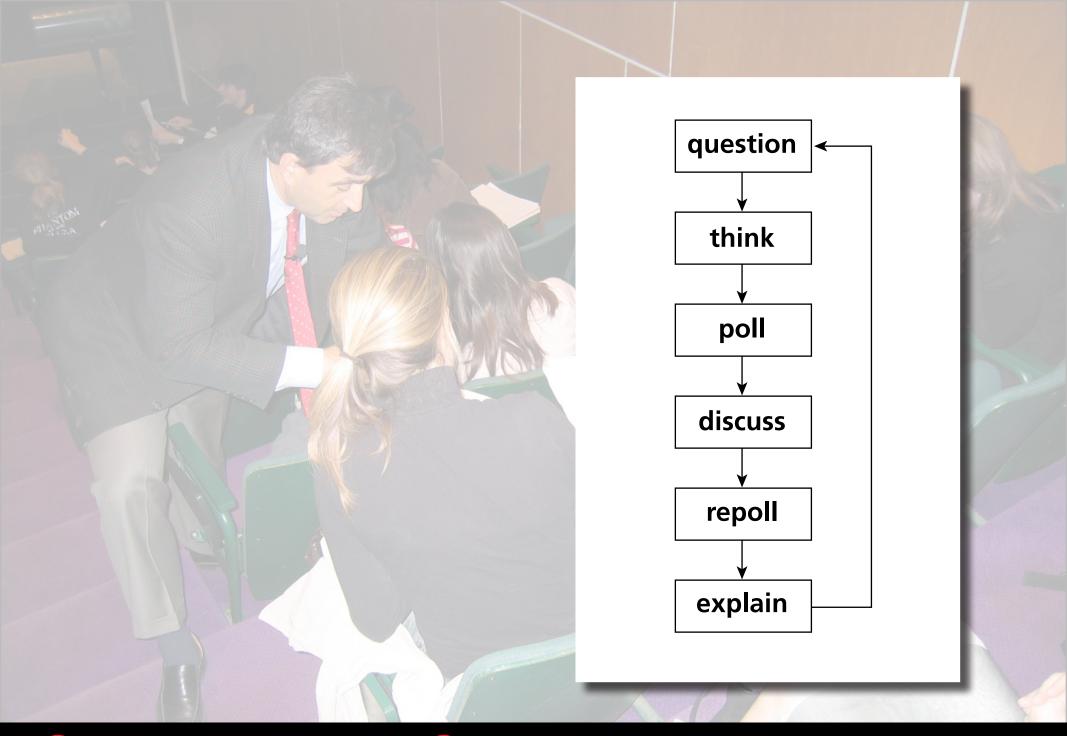


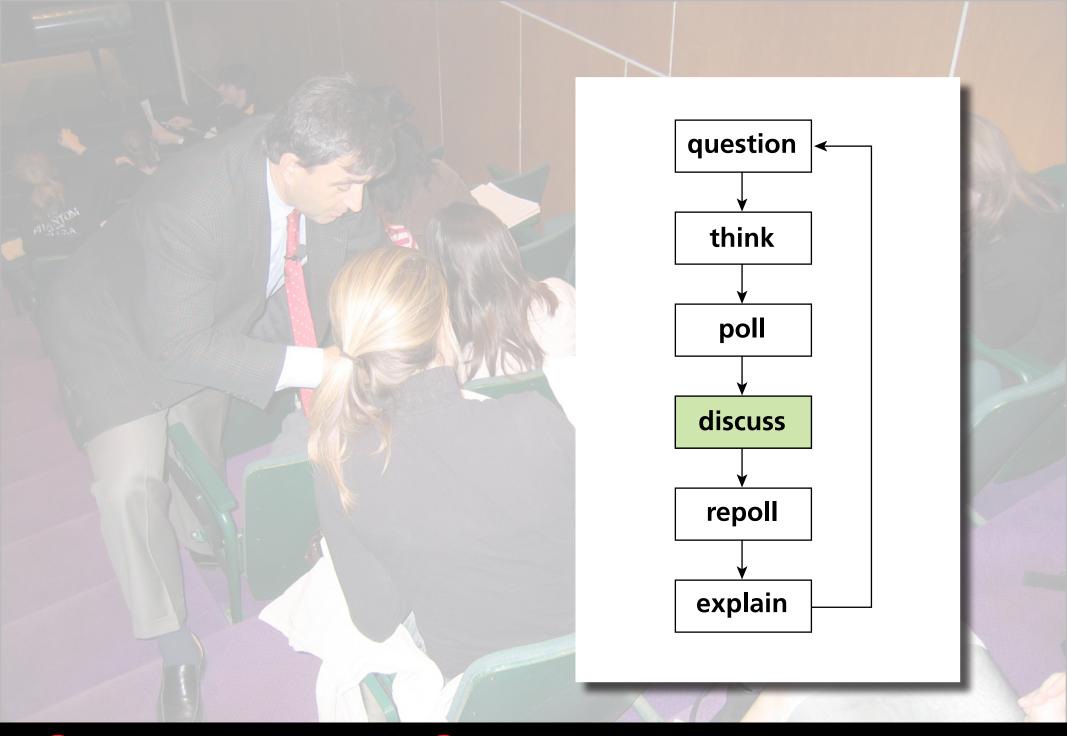


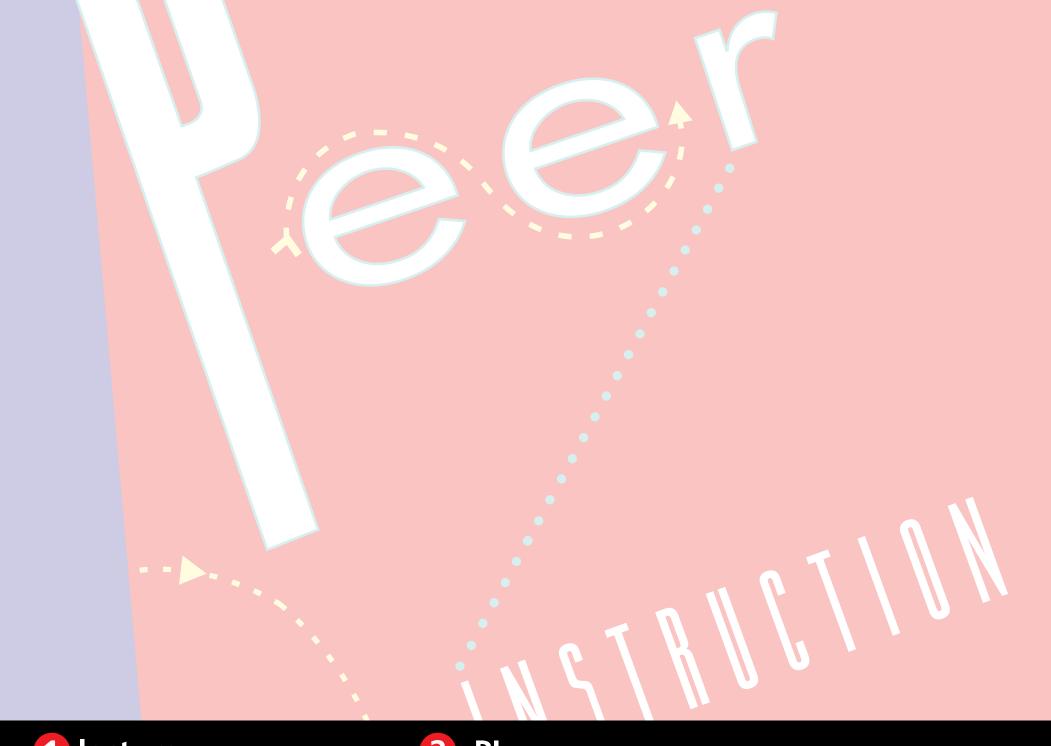








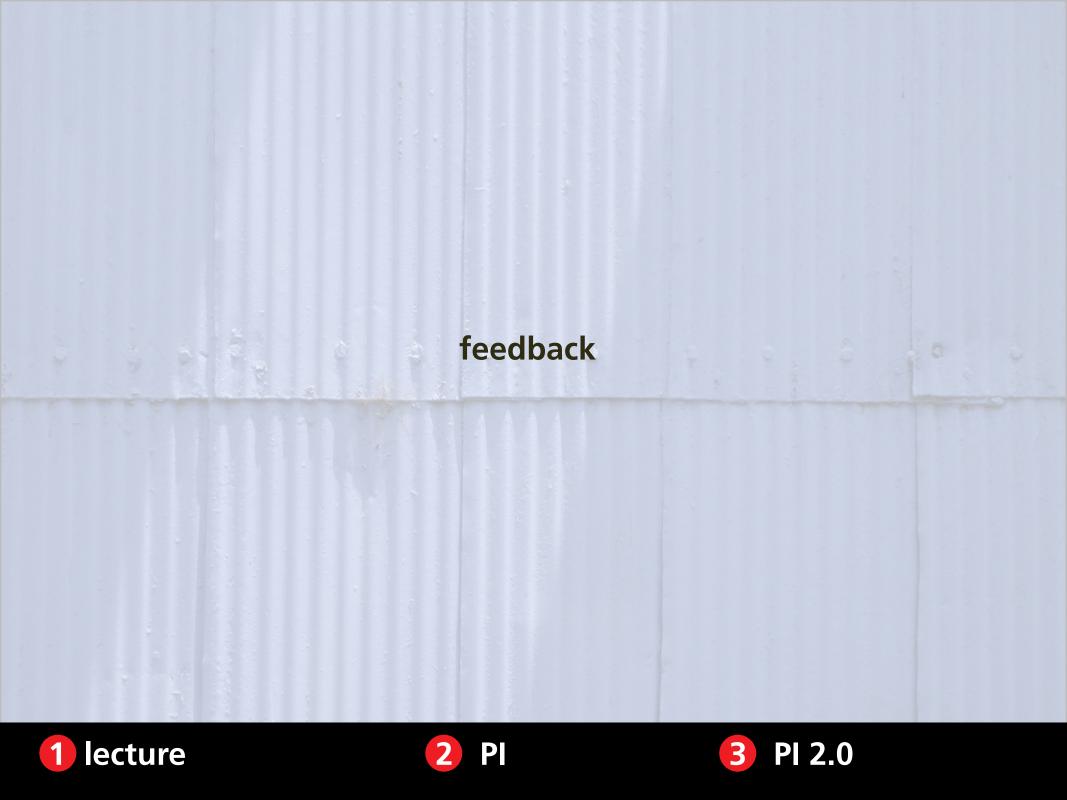
















2 PI

3

PI 2.0











Gary King



Brian Lukoff



Eric Mazur

Use intelligent algorithms and data analytics to...

improve questioning

manage discussions

facilitate time management/flow

catalytics

The biggest factor that leads American companies to manufacture usen promotes over a. b. C. Which of the following correctly summarizes the accounting equation for a sole proprietorship? India is: 2. a. In order to present a business plan to a group of potential investors, a businessperson would most likely use which b. C. 3. a. b. C. In order to start an online business, and individual would need all but which of the following: 4. a. b. C. , business model torreciation? 5. PI 2.0 PI lecture

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The biggest factor that leads American companies to manufacture until produces over
       D.
                        Wextensible plug-in's equity

Assets = Liabilities Assets + Owner's equity

Nextensible plug-in's equity

Assets = Liabilities Assets + Liabilities

Nextensible plug-in's equity

Assets = Liabilities Assets + Dwild and Assets + Liabilities

Nextensible plug-in's equity

Assets - Liabilities

Owner's equity

Order to present a business plan to a group of potential investors, a business plan to a group of potential investors.
              India is:
2.
                    D.
                                    In order to present a business plan to a group of potential investors, a business
              3.
                                                In order to start an online business, and individual would need all but which of the following.
                          4.
                                                                        business model
                                                                                                                                                                                                               reciation?
                                                                                                                                                                                                               PI 2.0
                                                                                                                                                                                                   3
                                                                                                                                PI
                   lecture
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The biggest factor that leads American companies to manufacture men products over an annufacture men products over the biggest factor that leads American companies to manufacture men products over the biggest factor that leads American companies to manufacture men products over the biggest factor that leads American companies to manufacture men products over the biggest factor that leads are supported by the biggest factor that leads are suppor Effective legal system

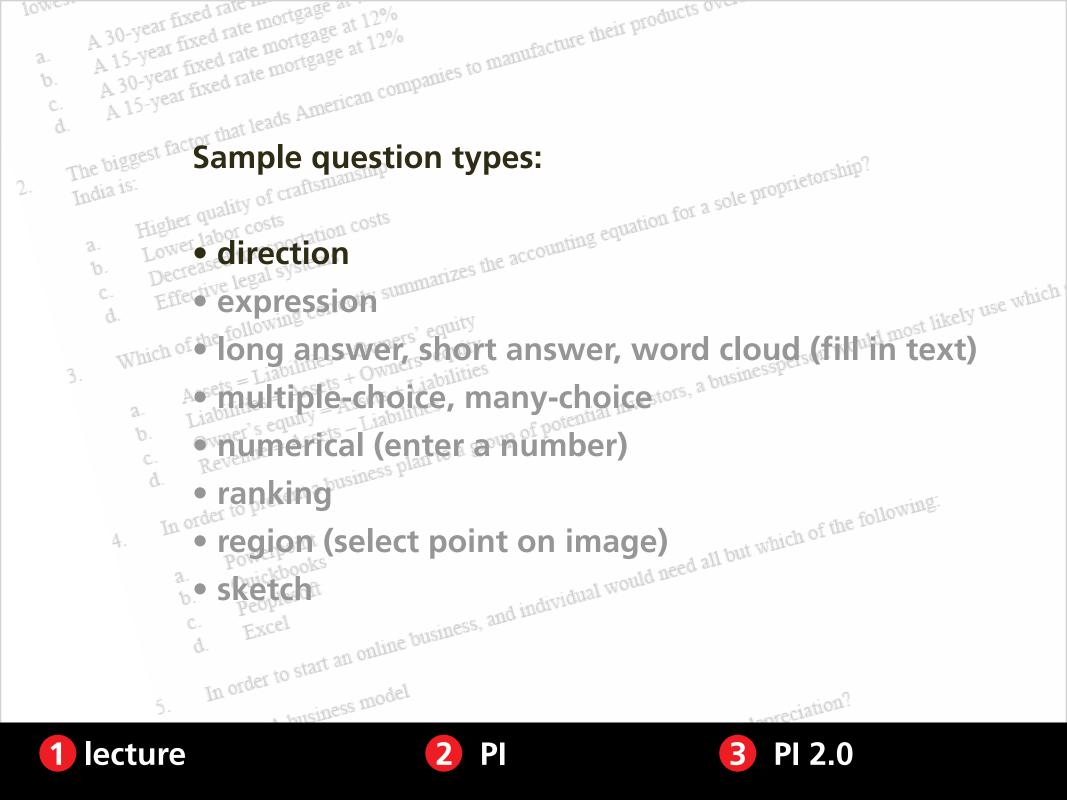
Effective legal system

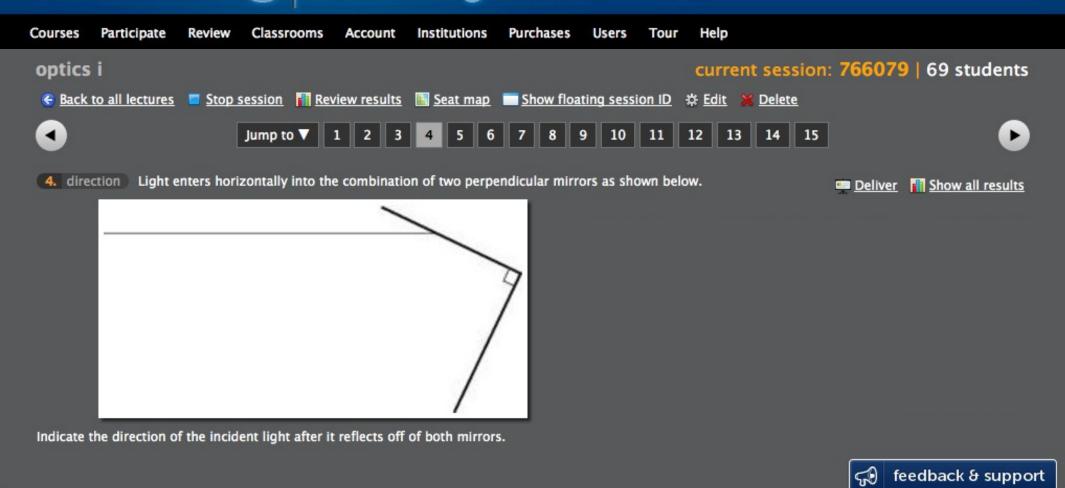
expression

h of the following Higher quality of craftsm India is: Iong answer, short answer, word cloud (fill in text)

* multiple-choice many chair

**Tight of the line of the lin numerical (enter a number) • ranking norder to priking In order to start an online business, and individual would need all but which of the following. business model eciation? PI 2.0 lecture



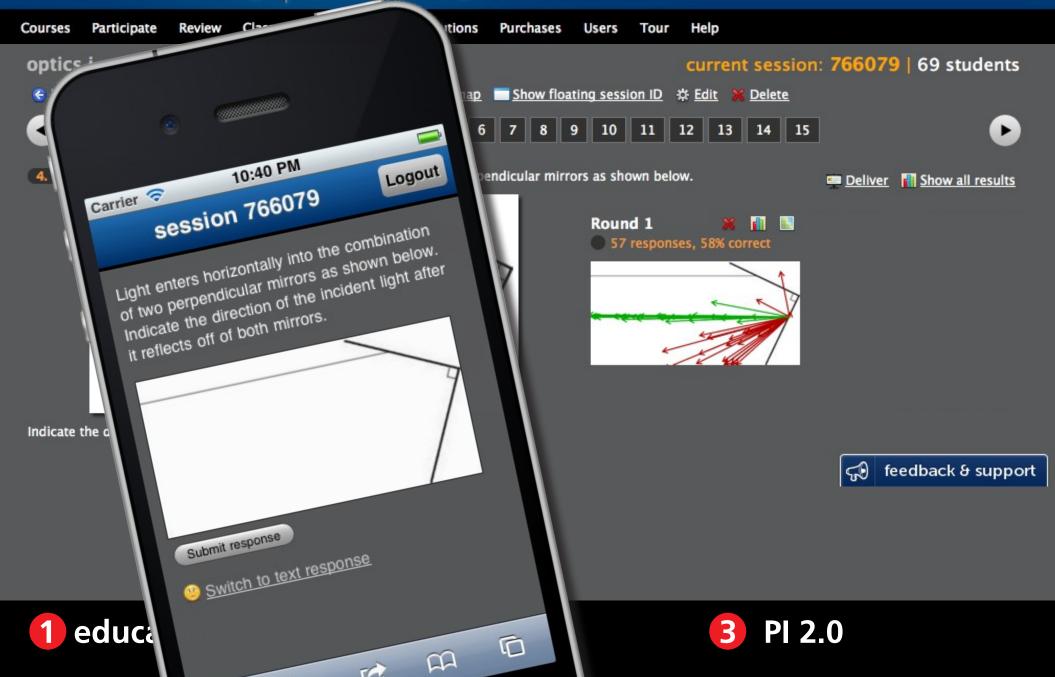


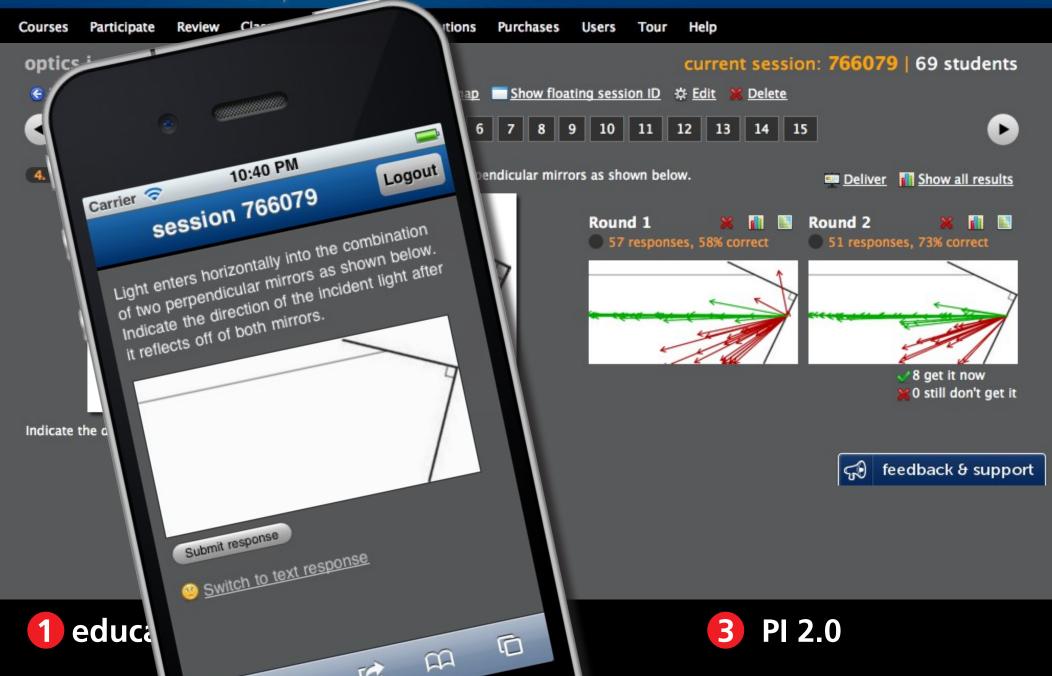


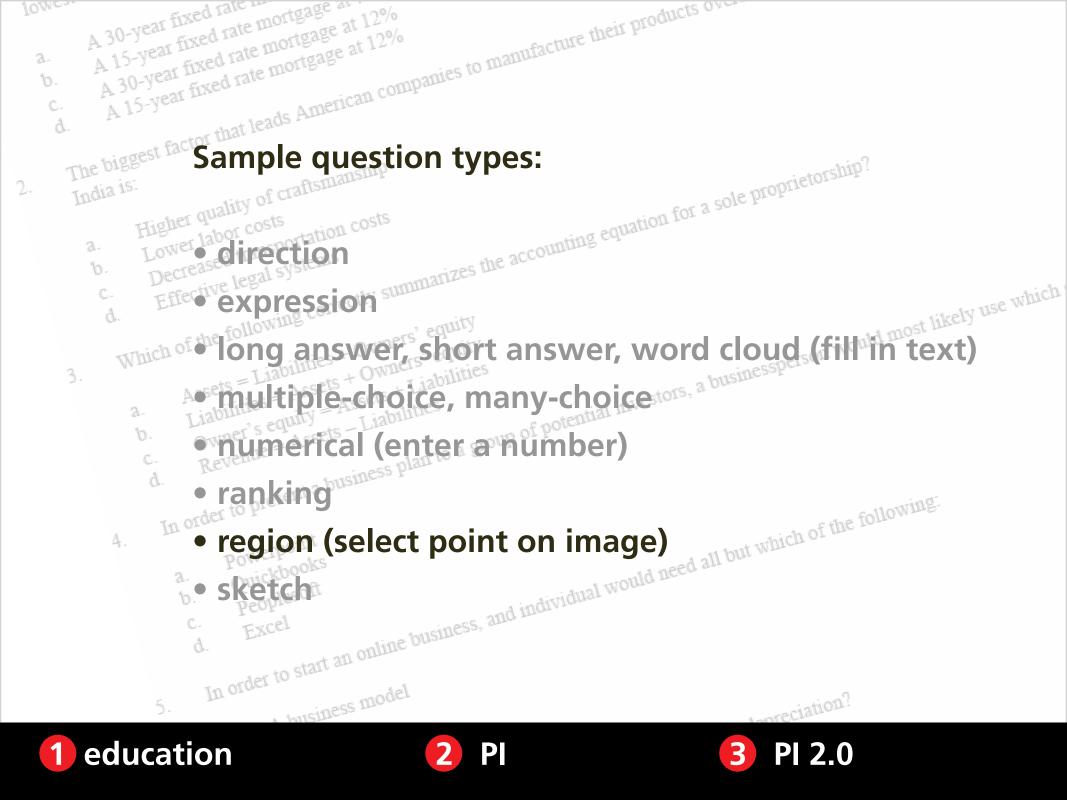


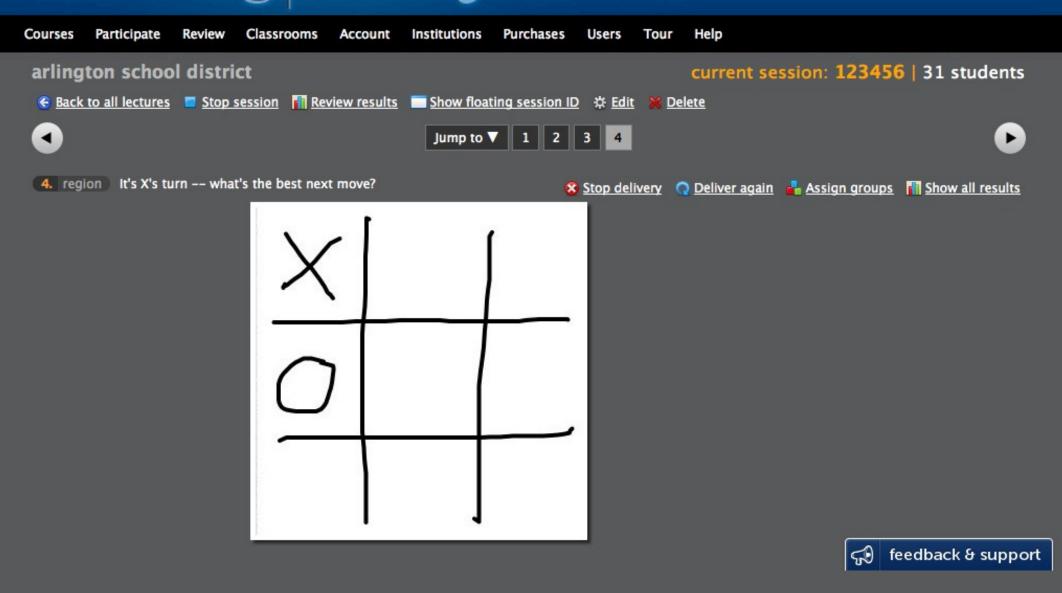
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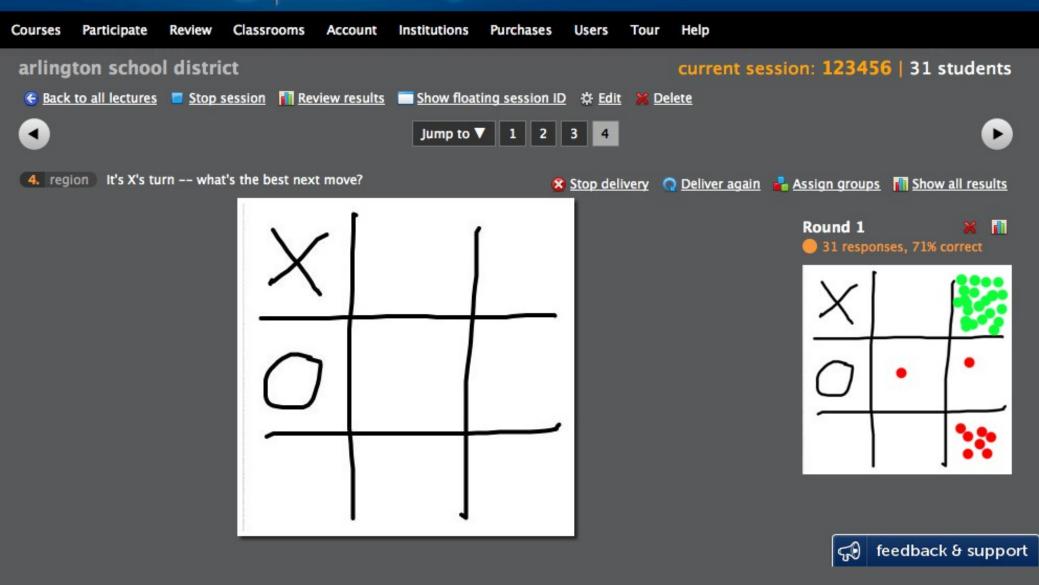


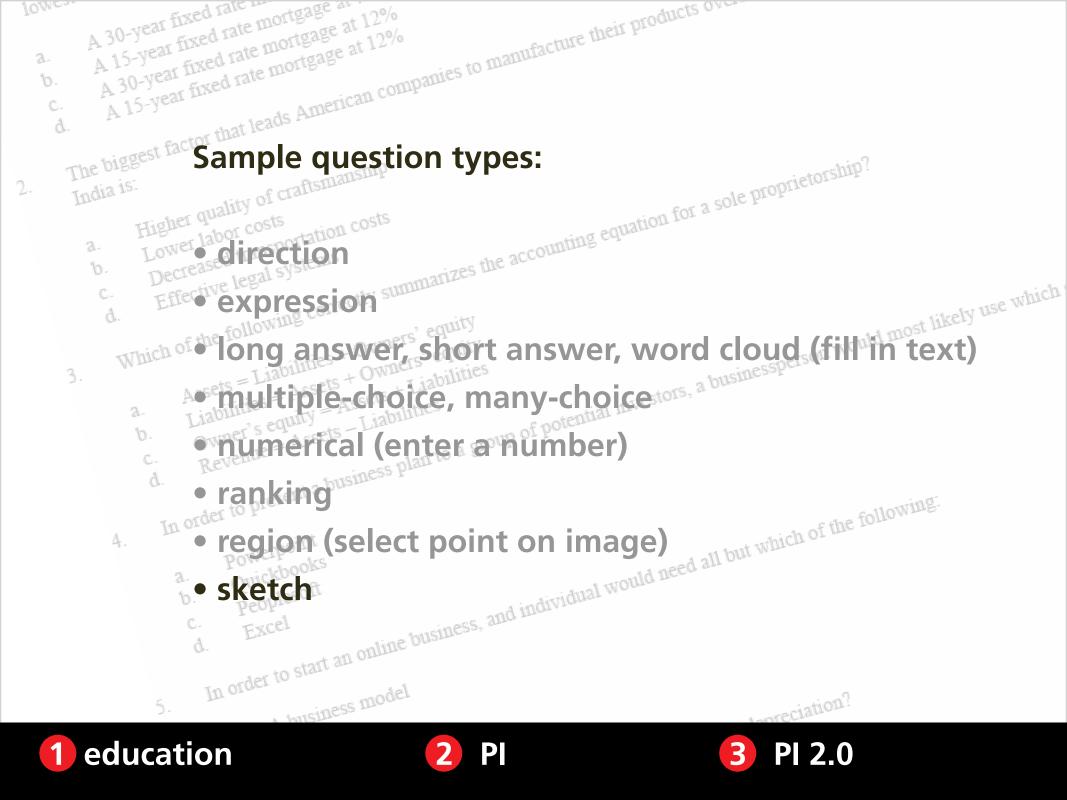


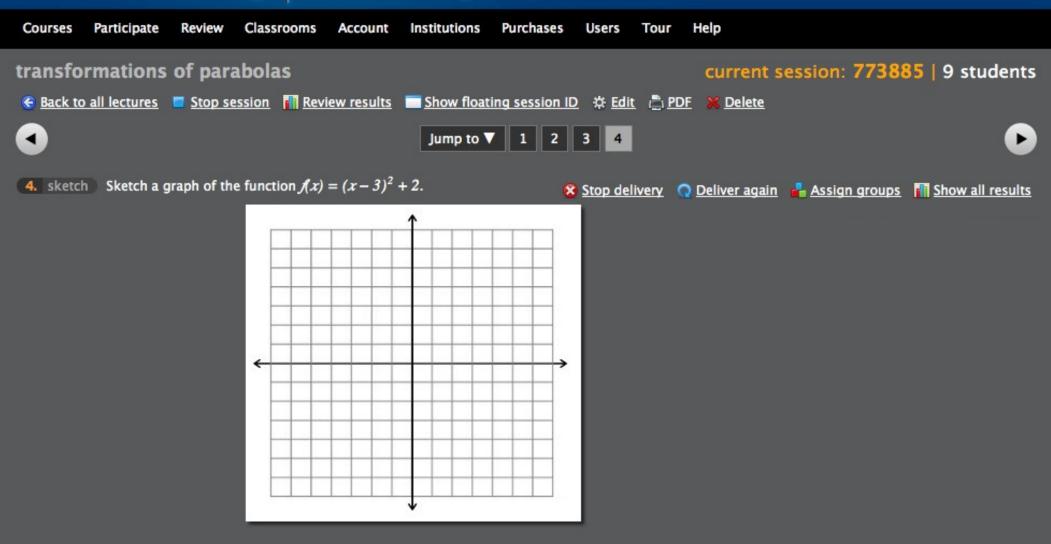


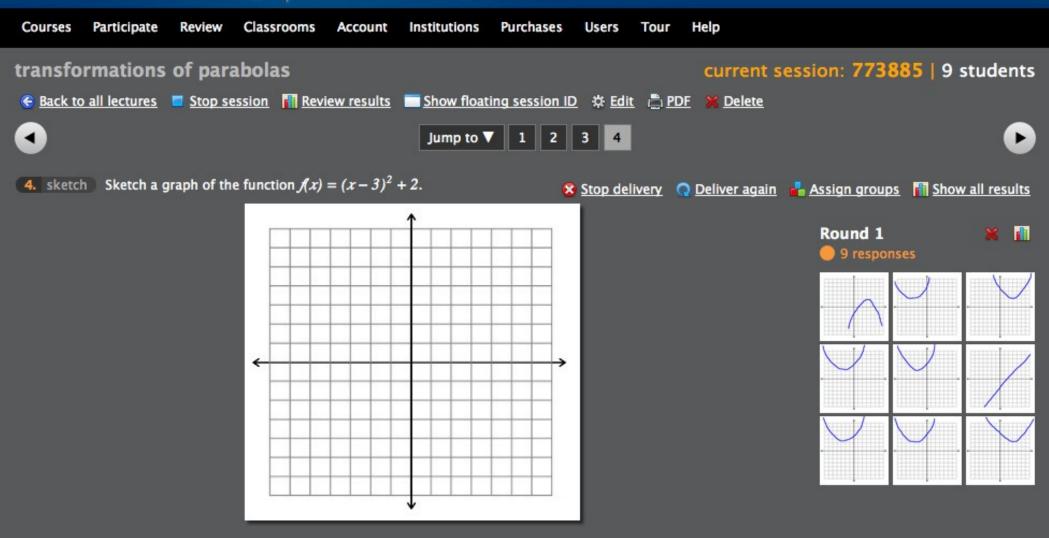


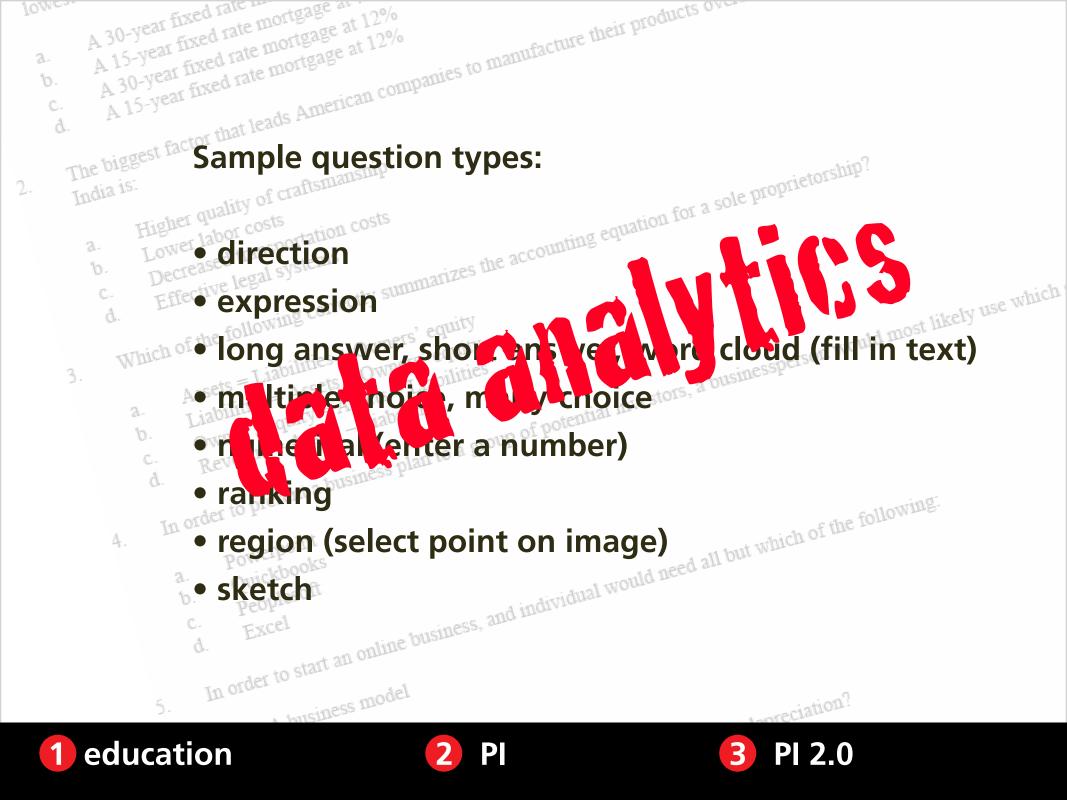








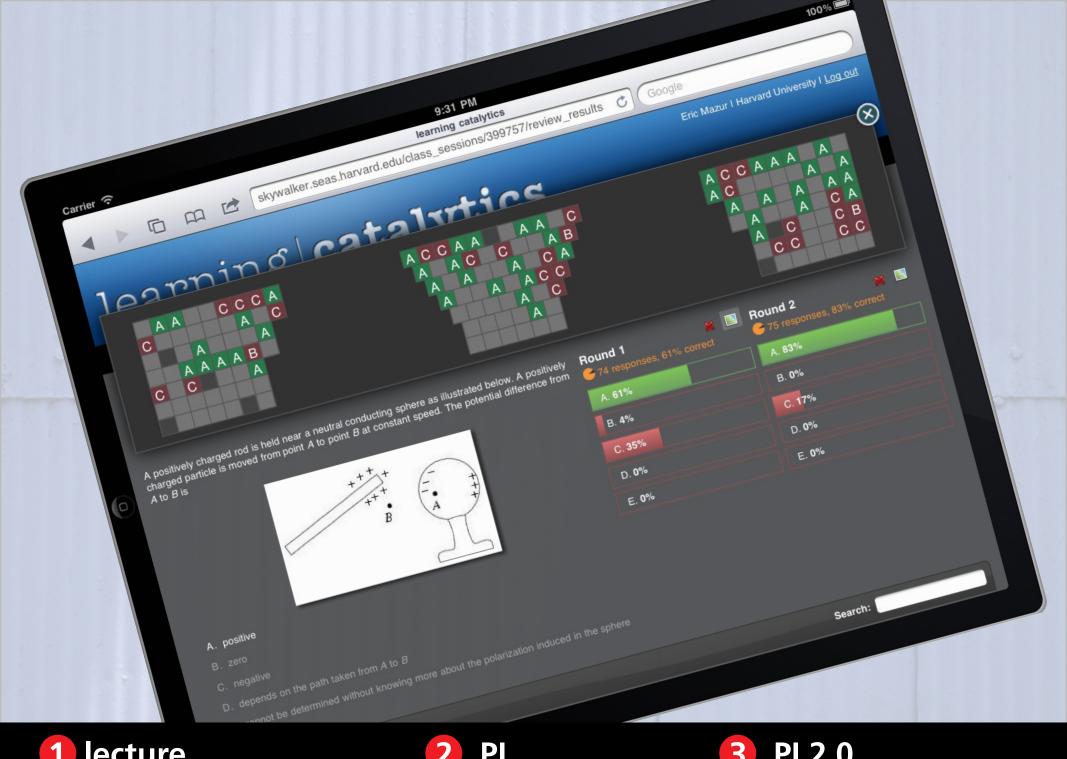












PI

PI 2.0 3



3 PI 2.0



lecture

let system manage pairing 1 lecture PI 2.0

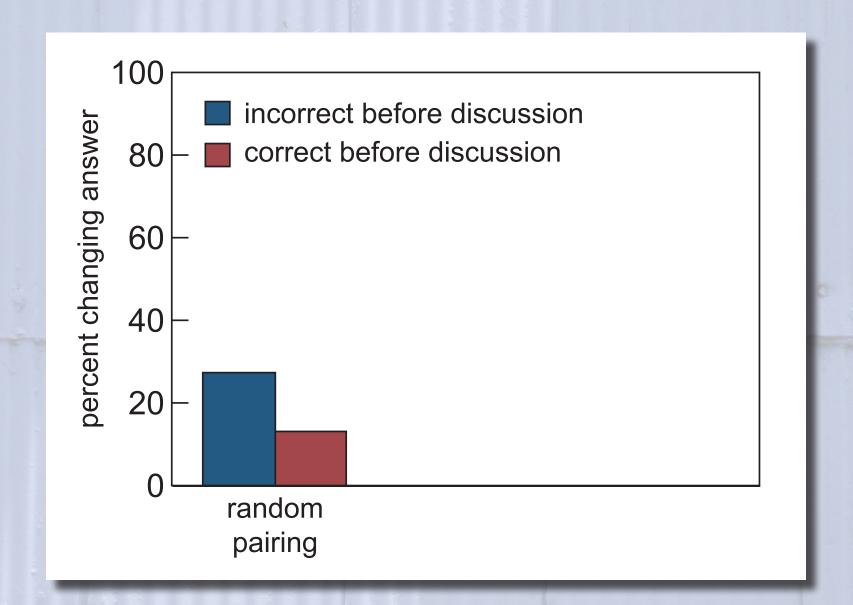


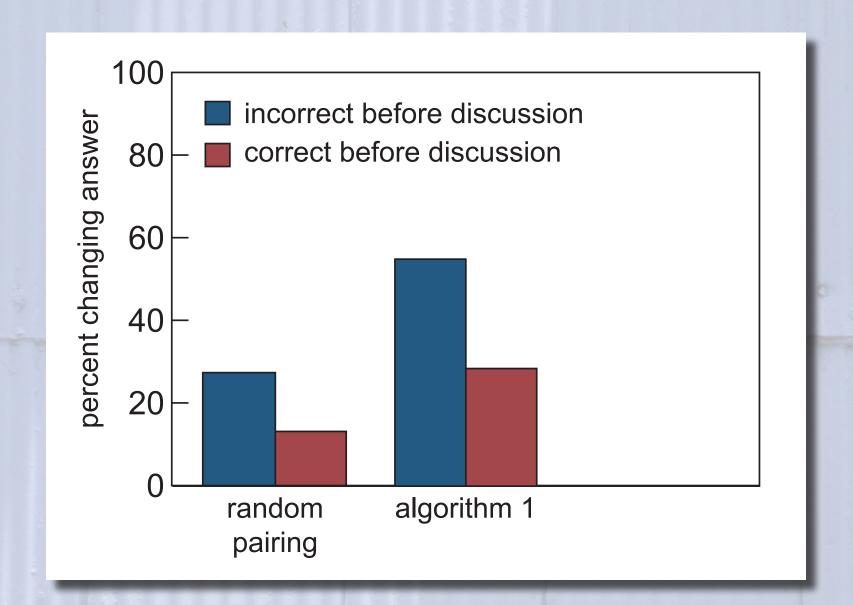
lecture

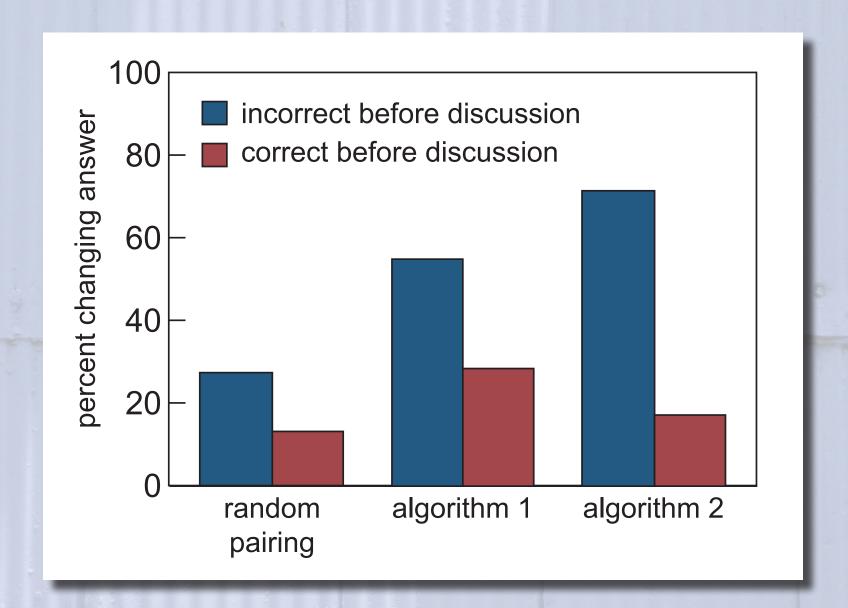
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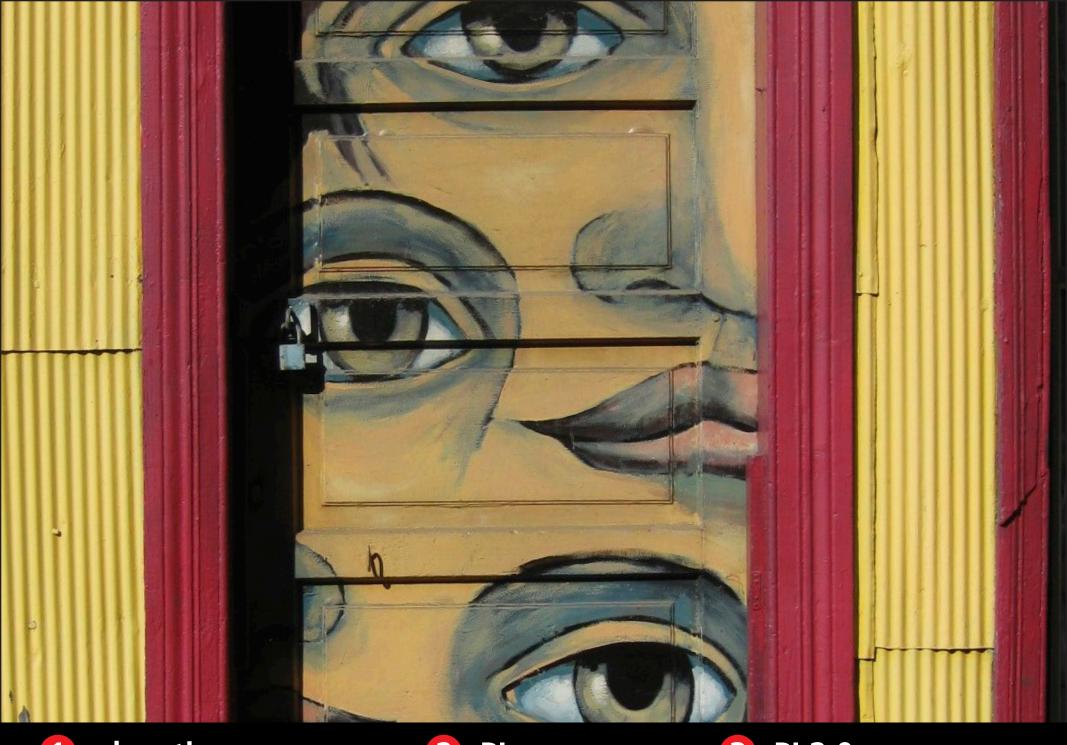












1 education

2 PI

3 F

PI 2.0



Education is not just about:

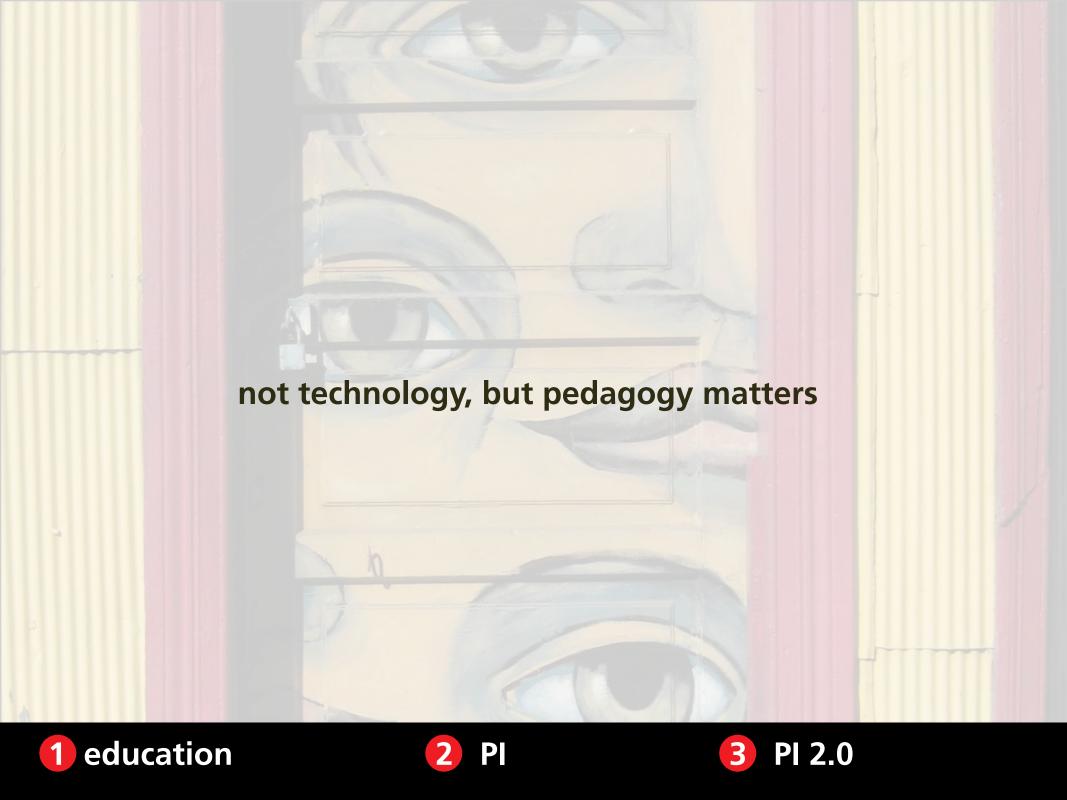
- transferring information
- getting students to do what we do

Education is not just about:

transferring information

getting students to do what we do

discovery & exploration a must!





National Science Foundation

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